



12 May 1950

The Missouri Miner, May 12, 1950

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THE MISSOURI MINER

Welcome To
The Class
Of 1954!

Missouri School of Mines & Metallurgy

And Cheer Up
There's Only
Four Years To Go!

VOLUME 37

ROLLA, MO., FRIDAY, SEPT. 22, 1950

MSM Puts on New Face For 1950-51 School Year

DORM. & MECHANICAL BUILDING, TOP LIST OF ADDITIONS ON CAMPUS

The new Dormitory costing \$600,000 is about complete, the furniture has arrived and the building will be occupied for the first time this September. It is an imposing structure occupying the west portion of what is known as the hospital lot, overlooking the golf course. While the building is complete in itself, we look upon it as the first unit of a series of buildings on this lot which is so advantageously situated. As the need arises we hope to have additional dormitory units to house a total of 500 students with a dining hall to accommodate 600 students. Other units planned for this group include a Student Union building and a fireproof infirmary. The present dormitory has comfortable accommodations for 177 students.

The laboratory section of the \$500,000 Mechanical Engineering Laboratory building has now been completed. Much of the laboratory equipment for this building has been ordered and some has been delivered. Our Buildings & Grounds Department, in cooperation with the Faculty of the Mechanical Engineering Department, is busy installing this equipment and in moving certain pieces from Mechanical Hall to the new laboratory. The installation of this equipment is more expensive and difficult than it would seem on the surface. We plan to have enough of it installed in September so that students may derive immediate benefit from it. Actually we do not expect to have it all installed until late in December of this year, even though our crew will work on a two-shift schedule.

As soon as the equipment has been installed, the Board of Curators plans to call for bids for construction of the front part of the Mechanical Engineering Laboratory building. This front portion will be two stories in height and will house offices, classrooms, and design rooms. When all of this has been completed the Mechanical Engineering Department will have as fine facilities as can be found, with few exceptions, in any university in the country.

As announced by President Frederick A. Middlebush in the March-April 1950 edition of the MSM Alumnus, we expect the Board of Curators to request legislative appropriations for another unit of the Engineering Laboratories project to be built immediately north of the Mechanical Engineering Laboratory building. This new unit will be devoted primarily to Electrical Engineering and Mechanics and should provide equally fine facilities for these two important engineering departments. When Electrical Engineering moves out of Norwood Hall, the Department of Physics can expand and occupy all of the first floor and basement of Norwood Hall.

Mechanical Hall will receive new occupants sometime during the 1950-51 academic year. An allotment of \$125,000 has been made by the Board to remodel the first floor of Mechanical Hall for the Department of Mining Engineering. Mining will continue to occupy the present Mining Building (formerly used as a warehouse) and in addition there will be erected an annex which will connect the present Mining Building with Mechanical Hall. Specifications call for an outlay of \$50,000 for this annex. With these new and enlarged quarters, and with the School Mine now in excellent shape, our Mining Department can continue its fine record of instruction and research. The Department already has one important re-

(Continued on Page 4)

Mr. Hunt to Speak at A.F.S. Meeting Today

Mr. Albert L. Hunt, American Brake Shoe Company and Dean Wilson will be the guest speakers at the American Foundrymen Society meeting. After the speakers a demonstration will be held in the school foundry where some aluminum castings will be poured. Coffee and donuts will be served.

Now remember the time 7:15 P. M., Tuesday, Sept. 26. Meet in room 12, Experiment Station.

THETA KAPS RETURN FOR WHAT PROMISES TO BE SUCCESSFUL YEAR

After a riproaring summer vacation, the boys at the 'cow house' are back hunting for those grade points. Bob "Double-clutch" Schafer after terrorizing Southern Illinois in his new International truck, arrived with a screech of tires and a clashing of gears. His room-mate, Harold "Sponge" Crane says he has been drinking Canada dry (water that is) all summer and is now going to try to drink Missouri dry. Harry Fitzgibbon has a "car" (using the term loosely). It runs very nicely downhill, but has only two speeds, slow and stop.

The week-end was spent getting the house in shape for another year. The Chapter Room floor was sanded in preparation for a new coat of varnish. John Dehue's army spent Saturday afternoon clearing a field of fire on the front lawn.

New pledges are: Bob Richter, Jim Goeddel, Bob Hanss, John Novotny, and Jack Greiten, all of St. Louis; Don Bardon, Ferguson, Mo.; Mike Stearman, Burbank, Calif., and Jim Weber, Bonne Terre, Mo.

For the fall semester, the following officers were elected at our first regular meeting: John Dehue, Vice-president; Jack Macke, Pledge Manager; Harold Crane, Historian; Jack Theiss, Executive Council. Ed "Spu-moni" Calcaterra's political machine finally succeeded in placing him in office as Assistant Steward.

Sigma Pi House is Scene of Intensive Redecorating Plans

The summer wasn't too eventful for the men of Sigma Pi. Several of the fellows dropped their pins, and two were married, but since this isn't a society column, nothing more will be said along this line.

Our June graduates, Fred Eckert, Bob Franklin, Bob Ferry, Bernie Eck, Bob Peppers, Harry Funk, and Roger McCombs, as well as our lone August graduate, Bob Harrison, are all employed. Some of these men will no doubt be taking new positions with the government before too long.

A number of us arrived in Rolla a few days early in order to begin operations for the new school year. The house was thoroughly cleaned on the inside, and at the present time the exterior is receiving a badly-needed paint job. Two weeks ago the house had a smoker for the freshmen. Cokes and cigarettes, along with several movies and general conversation provided the entertainment for the evening.

By way of athletics, this summer Lambda Chi Alpha and Sigma Pi joined to take the intramural softball championship, and do it undefeated. This year Ed Kwades, Lee Beverage, Bud Morris, Dick Jones, Jim Tolle, Dick Reeg, and Doc Palmer are our representatives on the Miner football squad.



DEAN WILSON

TO MSM FRESHMEN

I extend to the new freshmen a cordial welcome to Missouri School of Mines and Metallurgy. You will find here an engineering school with fair equipment, an excellent faculty and high standards of scholarship. All are dedicated to providing you opportunity to secure a good education. I urge you to take advantage of the opportunities afforded you.

Your class is small in number as compared to the freshman classes of previous years. You are now assured of much closer personal attention. I am confident that the quality of your class is high. We hope that your scholarship will be outstanding and that you may participate in many of the extra-curricular activities on this campus.

My office door is always open. Please feel free to come in any time you desire. It will be a pleasure to talk with you and to help in every way possible.

Cordially yours,

CURTIS L. WILSON, Dean

Dowling Leads Rock House This Semester

The start of the new semester found the old Rock House in full swing once more. I know we were all glad to return to the land of milk and honey, namely Rolla. There must have been some big deals this summer as all the wheels returned with cars. An investigation is now under way since the treasurer came back with a '50 chevie.

The freshman beer bust was a huge success from a liquid standpoint. Seems like the boys had a 18 year thirst. Would like to extend congrats to our new pledge class, namely Norm Lutz, Ed Beckmeyer, Charlie Blankmann, Al Bagi, George Schmick, Bob Ruch, Corky Manns, Gerry Metcalf, Claude Ashburn, Walt Howell, and George McQuie.

The House elections last week saw Don "Weakeyes" Yokum Dowling elected as Pres., Davy Meskan as Veep, Wally Short as House Manager and Bill Crowley as Recording Secretary.

Intramural football finds us playing a strong but unworthy opponent in Theta Kap. We lost two of our brightest stars in practice this week; seems like Lonnie Hook and Gene "Rock Head" Laytham went for the ball that wasn't there. It was a stitching finish, with Lonnie getting five of them. The teams is in fine shape otherwise with Coach Licata confidently predicting victory.

M Club Puts Ban on High School Letters

The M Club held a regular business meeting last Thursday night, and plans were made for their annual dance to be held Parents Day, the 7 of October. Music for the Pigskin Prom will be provided by a popular St. Louis orchestra, which at this date is not yet known. Further details of the dance will appear in a later issue of the Miner.

Abolition of high school letters was discussed and a vote showed the meeting was in favor of the motion. Since the M Club is the varsity letter club, it has both the right and the power to enforce this resolution.

GROWTH OF M.S.M. TOLD BY DEGREES GRANTED

The rapid growth and development of MSM during recent years can perhaps best be realized by a study of the number of degrees granted since the first graduating class of 1874. This class consisted of three members. The class that graduated May 29, 1950 had a total of 774 members of which 736 were Bachelors' degrees, 33 Masters' degrees, three were Professional degrees and two were honorary Doctors degrees. To this number must be added the group graduating July 29, 1950, consisting of 134 bachelors degrees, 32 Master and one professional, a total of 167. This bringing the grand total for 1950 up to 941 degrees granted.

From 1874 up to and including 1908, a total of 768 degrees had been conferred. Of these, 639 were Bachelors' degrees, 12 were Masters and 74 were Professional degrees. In 1931, under the able administration of Dr. Charles H. Fulton, the school's curricula were modernized and expanded and the number of degrees granted began a gradual but definite increase. During Dr. Fulton's administration from 1920 to 1937 inclusive, a total of 1540 degrees were conferred. Of these, 1284 were Bachelors' degrees, 102 were Masters, 145 were Professional degrees and 9 were honorary Doctors degrees.

During the four years of Dr. William R. Chedsey's administration, a total of 565 degrees were conferred, 511 being Bachelors degrees, 19 being Masters, 32 Professional degrees and three honorary Doctor degrees.

From 1942 to date under the administration of Dr. Curtis L. Wilson, a total of 2716 degrees have been conferred. Of this number, 2492 were Bachelors degrees, 185 were Masters' degrees, 27 were Professional degrees and 12 were honorary Doctors' degrees.

The school has granted a total of 5585 degrees since it was established, and of that number 2711 degrees have been granted during the nine years of Dean Wilson's administration. On a percentage basis approximately 50 percent of all degrees at MSM have been granted during this period, and in 1950 the graduating class constituted 17 per cent of all degrees granted in the School's 80 years of history. The number of seniors in school at this time would indicate that there will be about 500 more added to this total during the next academic year.

All of this points to the fact that the alumni body of MSM is, as a whole, a group of young men.

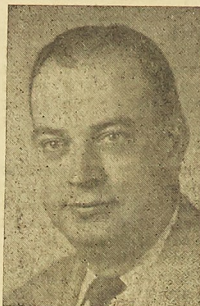
FRATERNITY BOWLERS START ROLLING SOON

The Interfraternity Bowling League will get under way Monday, September 25, and Tuesday, September 26. The league was unable to obtain the alleys for two shifts on the same night, thus necessitating a two-night arrangement. The league will run 22 weeks, ending the week of St. Pat's.

This year, in addition to the permanent trophy awarded to the winner, a roving trophy will be given to the first place team. This trophy will be in their possession for one year. If any team wins three consecutive years it will win the trophy permanently. Prizes will be awarded to the team having the highest actual team average, and to the individuals having high average, high three, and high single game.

Dick Zumsteg is president-secretary of the league, Larry Choate is vice-president. The winner last year was Kappa Alpha, which won the title in a roll-off against the Tekes.

Husband: "You say you had a burglar in the house while I was away. Did he get anything?"
Wife: "I'll say! I thought he was you."



DR. FORRESTER

FORRESTER HONORED BY CIVIL SERVICE GROUP

Dr. J. D. Forrester has accepted an invitation to serve as a member of the newly created Advisory Committee on Engineering to the United States Civil Service Commission, Dean Curtis L. Wilson of the University of Missouri School of Mines and Metallurgy announced last month.

Dr. Forrester, Chairman of the Mining Engineering Department of the School of Mines and Metallurgy, was nominated to the commission by the Engineers Joint Council as the representative of the American Institute of Mining and Metallurgical Engineers.

The Advisory Committee is being established by the Civil Service Commission to advise on matters affecting position classification standards, recruitment qualifications, and promotion policies as related to engineering personnel. Its first meeting will be held in the near future.

METHODISTS HOLD MELON FEED FOR FRESHMEN

Friday night, 7:30 P. M. Sept. 15, 1950, a watermelon feed was held in honor of the freshmen as a kick-off party for the school year 1950-51. It was hoped that a large number of freshmen would be in attendance but the group of thirty-five consisted mostly of upper-classmen and transfer students, only two unclassified freshmen, Avonell Baker, and Richard Murry, were in attendance.

Games and songs were the evening recreation until around 9:30 P. M. at which time the evening was climaxed by everyone being seated facing the fireplace. Bill Simpkins played "Here Comes The Bride" but the bride didn't show up. Rev. Hicks appeared pretty worried from the piano and said he could help out as there was to be a wedding in December, at which time he placed a diamond on Miss Peggy Little's finger.

The evening was completed by everyone eating all the watermelon they dared to eat.

Nuclear Physicist to Talk at AIEE Meeting

On Sept. 28th, 1950 the student chapter of the AIEE-IRE will present a guest speaker of national reknown in the field of nuclear physics. The speaker will be Dr. Jack T. Wilson, chief physicist of the Allis-Chalmers Company.

Dr. Wilson will use as his subject, "Engineering Contributions to the Medical Sciences". He will illustrate his discussion with slides and blackboard.

Our guest has exhibited in the past a remarkable ability to speak on hypertechnical subjects in language readily understandable by laymen.

As our speaker is one of the nations foremost scientists in the application of electricity to medical uses, all who attend will no doubt profit from the discussion he will present.

Remember the date; Wed., Sept. 28th, and be sure to attend this important meeting.

Enrollment Drops To 1663 This Year

SUMMER GRADUATIONS TAKE 167 ENGINEERS

A total of 167 students graduated from the School of Mines and Metallurgy at summer Commencement exercises held in Rolla, July 29.

The Commencement address was given by Paul H. Robbins of Washington, D. C., executive director of the National Society of Professional Engineers, speaking on the subject, "Whither Now Engineers?"

Baccalaureate services were held Friday night, July 28, and were followed by the faculty reception for the graduating class held at the home of Dean and Mrs. Curtis L. Wilson. The Rev. Ralph H. Hicks, pastor of the Rolla Methodist Church, delivered the Baccalaureate address.

Among the degrees conferred were 134 Bachelor degrees, 32 Master degrees, and 1 professional degree of Engineer of Mines. There were 113 degrees granted by the School at the close of the Summer Session in 1949.

NEW MASCOT RUNNING WILD AT SIG EP HOUSE

Ten new men are now wearing the golden heart of Sigma Phi Epsilon. We wish to welcome Eldo Koppelman, Pete Hansen, Gene Lang, Stanley Niemczura, Gene Huffman, Bill Ulz, Tom Newkirk, M. J. Turnopseed, Bob Moore, and Lloyd Lacy into the fraternity. These men were initiated Sunday afternoon, September 17.

Another fine looking pledge class promises to fill the shoes of the new initiates quite well. Already ten men make up the Sig-Ep pledge class, with a promise of more to come. The men wearing the red pledge badge are Jim Linn, Cliff Dye, Harry Lisher, Milton Schmidt, Gene Blane, Ronald Rex, Richard Hampel, Lowell Reichardt, Homer Alexander, and Leonard Schowls. These men show a great amount of interest in the functioning of the frat. Homer and Lowell have already proven that they will make good Miners, when they asked if the fraternity pledges girls. Not a bad idea, boys, but "no-can-do."

Hank Andre is back among us after working last semester for the Kennecott Copper Mines, at Bingham Canyon, Utah. Not taking any chances on being kidnapped, as he was last year, when he hitch-hiked out west, the Utah Kid drove back in his own car this time.

Another new addition to the Sig-Ep household is the collie mascot recently acquired. He has no name as yet, but if a certain party doesn't object, "Sheep" would be a nice name.

Host of New Pledges Brighten Snake House

After returning from a long and eventful summer it was pleasant to hear that the summer joy boys had actually gone out and done some work. Yes, the joy boys went out and won the trophy entitled, "Intramural Summer Champs of 1950."

Gamma Xi is again looking forward to a pleasant and progressive year under the able-bodied leadership of Gene Kennedy, Commander; Will Theerman, Lt. Commander; Joe Gray, Recorder; and Dick Bullock, Treasurer. Along with congratulations to the newly elected officers goes congratulations to the newly initiated men. Those initiated are Edgar Oliphant, Gerry Zacher, Rex Jelen, and Pete Kemp.

Every man studies the racing form occasionally, even if it's only a girl late for work.

Mining Dept. Leads With Civils Next

With the hectic days of registration behind us, the only swearing to be heard is, as usual, divided toward our profs rather than closed sections. This writer firmly believes that no means should be allowed to consider himself a true Miner until he is a veteran of at least two battles of registration.

The latest tabulation on the numbers of students enrolled at M.S.M. this semester shows 1663, of whom 10 are girls. This figure shows a drop of 812 from last years 2475 students. The mining department is the largest from the standpoint of enrollment and the seniors are still the largest class.

We have 217 new freshmen, 257 sophomores, 411 juniors, 624 seniors, and 135 graduate students.

These figures show a decrease in last years freshman class but an increase in last years sophomores and junior classes due to an influx of upperclassmen transfers. The big drop in total enrollment is due to the graduation of the 1946 freshman class which was the largest in the school's history.

As before mentioned, the Mining Department leads in enrollment with 385. It is closely followed by the Civil Department, which has 316. From here the figures drop rather rapidly as follows: Mechanical Engineering, 242; Electrical Engineering, 191; Chemical Engineering, 161; Metallurgists, 137, and Ceramists, 73.

These figures will be reduced, states Mr. Hubbard, by the leaving reservists called to active duty. This has already shown up in the enrollment figures.

CHEER-UP FROSH SOCIAL LIFE STARTS SOON

All work and no play makes Miners dull boys. Let it not be said that Miners are dull by any standards. We are known to work hard and, on occasions, to play hard. Any form of social escape, from beer-bust to formal, presents such an occasion.

The varied social affairs on our campus develop an atmosphere of warm friendship and social finesse which is indispensable to good school spirit. The main social events of the year are Homecoming, St. Pat's and the Military Ball. St. Pat's with its distinctive MINER traditions, is the highlight of the social season.

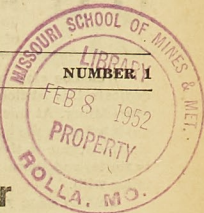
Though the centuries many folk tales and legends have developed. Of these none is more soul inspiring, more emblematic, and more fitting to the engineer than that concerning St. Patrick. Ever since this great man flunked his Calculus, failed to raise the necessary number of grade points for graduation, and then performed colossal feats of engineering, he has been the ideal of every hard working engineer. In remembrance of his magnificent deeds he is recognized by all, especially by Miners, as the patron saint of engineers. Look forward to your first St. Pat's celebration freshmen, it is something you will remember for years after you graduate.

Mr. Hemingway: Miss Canova, how many children were there in your family?

Judy Canova: There was Zeke, Annie, Willie, Flossie, Ming Toy Wong Chung.

Hemingway: Ming Toy Wong Chung? How did she get that name?

Judy: Maw heard that every fifth child born in the world is Chinese.



THE MISSOURI MINER



THE MISSOURI MINER is the official publication of the students of the Missouri School of Mines and Metallurgy. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945 at the Post Office at Rolla, Mo. under the Act of March 3, 1879.

Subscription Price 75c per Semester. Single copy 5c (Featuring Activities of Students and Faculty of M. S. M.)

Welcome class of 1954! It is to you the new students that we dedicate this edition, and more specifically this page of the Missouri Miner. At this time most of you have become reasonably acquainted with the campus, and with the courses you are pursuing. However, due to the short time you've been here your knowledge is finite, and there are many things you should become more familiar with.

On this page you will note a diversified range of topics are briefly enumerated. We believe that these subjects are pertinent to all who wish a more complete scope of the school. This is your school and you should be proud of it, and to be proud of it you must know, for pride does not co-exist with ignorance.

History of MSM

While it is the aim of these few paragraphs to present a history of the school, it is near impossible to condense nearly eighty years to a mere three or four paragraphs without being exceedingly brief. For this reason only the highlights of the school's history will be touched and therefore this history does not approach being complete. For those interested a short history of the school has been published and a copy is available at the school library.

During the latter part of the nineteenth century, our country became acutely aware of the growing need for professional men. Our civilization was ever growing more complex, and the need for men trained in the sciences and technical subjects became more apparent. On May 5, 1862 a bill called the Morrill Act was introduced to the United States Senate. The Morrill Act, which allotted land from each state for educational purposes, became a law on July 2, 1862, and it is this act which is the basis for the founding of the Missouri School of Mines and Metallurgy. In the latter part of 1869, a bill was introduced in the Missouri legislature providing for, among other things, a School of Mines and Metallurgy. The act further stipulated that the school would be located in that county donating the greatest amount of land and money. A special committee was appointed to review the two highest bids which were from Iron and Phelps county. The committee decided in favor of the latter and in December, 1870, the General Assembly made the land grant legal.

In the summer of 1871, the Rolla Public School board had completed plans for the construction of a building for its schools. When the first dean, Professor Charles Williams arrived in the fall, there were no buildings or campus, and plans were negotiated with the Rolla school officials for a portion of their new building as temporary quarters. Thus while the school was originally to be located at Fort Wyman Hill which lies just south of Rolla, necessity made it necessary to temporarily change the site of the campus. On November 23, 1871, the school was formally opened with an impressive ceremony. The school progressed during the next few years, and by 1874, its first class was ready for graduation. The first graduating class contained three men; Gustavus A. Duncan, John Holt Gill, and John Wallace Pack.

In January, 1875, the Rolla building was finally purchased from the town, and the campus site was permanently changed from Fort Wyman Hill, to its present location.

It is interesting to note here the expenses entailed by the students during the schools early years. The School of Mines catalog for 1886-1887 was itemized as follows: Tuition, \$20; Laboratory expenses, \$20; Board, fuel, washing, lights, \$96 to \$150; Books, stationery, etc. \$8 to \$20. The minimum estimate equaled \$144 per year; the maximum amounted to \$210 annually.

The need for a chemistry laboratory had been apparent since the beginning of the school. The disadvantages of the Rolla building as a chemistry laboratory were many, and in 1885, ten thousand dollars was appropriated for a Chemistry Laboratory, the second edifice to adorn the campus.

The fall of 1893 marked the beginning of intercollegiate rivalry at the school. The football team engaged Drury College in Springfield, Missouri, and suffered their first defeat. One of the faculty, Harry K. Landis, Professor of Mining and Metallurgy, played right end for the team. There seems to have been no objection to coaches or members of the faculty playing in these early games. It wasn't until 1900 that the school played their first full schedule of football.

In spite of the fact that the school did not have a full time athletic director until 1907, the early teams proved themselves very capable. Beyond a doubt the most outstanding team was the 1914 team, which received national recognition and fame. There record is still a high mark for any school to match, and it is given here: Miners 19 - Washington U. O; Miners 40 - Arkansas U. O; Miners 87 - Kansas School of Mines O; Miners 68 - Drury College O; Miners 104 - Pittsburg (Kansas) O; Miners 150 - Kirksville O; Miners 9 - University of Missouri O; Miners 63 - St. Louis U. O. The team scored 540 point and the opponents scored nothing.

The school continued to grow and expand, and as it did so it became more and more nationally prominent. Organizations and fraternities began to appear in ever increasing numbers on the campus, and in 1915, the Missouri Miner made its debut of the campus. The enrollment of the school steadily increased and by 1920 over 600 degrees had been conferred. The next thirty years showed a rapid advance of the school which was momentarily halted during the depression years. From 1933 to 1941 the enrollment of the school had almost tripled, only to drop again during the last world war. Enrollment again seems to be on the downward grade, due to the present crisis and the trickling off of veterans, but this can only be temporary, for the School of Mines is now a stable institution and internationally recognized. It will forever remain a permanent fixture of our civilization.

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Rolla, Missouri

The Colonial Village
invites you to the
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5% BEER

FINE FOOD

Sports Results For 1949 - 1950

FOOTBALL

Miners 7, Pittsburg 27
Miners 13, Washington U. 28
Miners 56, Shurtleff 0
Miners 41, Maryville 13
Miners 31, Warrensburg 0
Miners, 20, Kirksville 6
Miners 35, Springfield 7
Miners 30, Cape Girardeau 6
MINERS MIAA CHAMPIONS

BASKETBALL

Final MIAA Standings

Team	W	L	PF	OP
Springfield	8	2	479	373
Warrensburg	7	3	556	481
Maryville	5	5	474	493
Miners	2	8	458	584
Cape Girardeau	1	9	424	494

SWIMMING

Miners 18, Washington U. 57
Miners 28, Washington U. 47
Miners 49, Illinois Normal 26
Miners 59, Illinois Normal 16
Miners 35, Bradley 40
Miners 21, St. Louis U. 54
Miners 23, St. Louis U. 52
Miners 52, Wentworth MA 20

TRACK

Miners 76 St. Louis U. 60
Miners 50½ Springfield 85½
Miners 96½ Harris 39½
Miners 56 2/3 Drury 79½
Triangular meet;
Washington U. 81
Miners 50½
Cape Girardeau 38 2/3
MIAA track meet;
Maryville 83½
Cape Girardeau 47½
Warrensburg 37
Springfield 31
Miners 27 1/5
Kirksville 8

TENNIS

Miners 2 Harris 5
Miners 4 Drury 3
Miners 0 St. Louis U. 5
Miners 3 Westminster 4
Miners 2 Drury 7
Miners 0 St. Louis U. 7
Miners 2 Concordia 5

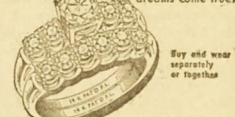
GOLF

Miners 6½ Drury 20½
Miners 1½ St. Louis U. 19½
Miners 6 Springfield 15
Miners 18½ Harris 2½
Miners 7½ St. Louis U. 10½
Miners 8 Westminster 10
Miners 1½ Cape Girardeau 10½



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Leading Campus Organizations

One thought which cannot be over-emphasized is extra-curricular participation. Membership in organizations as well as participation in sports, will activate your mentality, spirit, and body. It will be to your advantage if you take an active part in the school while you are still in your first year.

The following organizations are not limited in respect to the students year at school, however, some have other restrictions which are noted.

Society of American Military Engineers—limited to students enrolled in R. O. T. C.

Alpha Phi Omega—not a social fraternity but a service fraternity formed for the advancement of MSM. Limited to students who were active in scouting at some time.

Alpha Psi Omega—a dramatic fraternity, open to all students. Cooperative Eating Clubs—The Engineers Club and the Tech Club run as cooperatives and provide meals at a reasonable cost. Any student is eligible up to the capacity of the quarters.

Esperanto Association—open to students who are interested in the study and use of the world auxiliary language, Esperanto.

Fencing Club—open to all students.

Gamma Delta—open to students desiring association with the National Association of Lutheran Students.

Independents—open to all students who do not belong to a social fraternity.

Missouri Academy of Science—in effect, a professional engineering society for freshmen. Open to all students.

Missouri Miner—open to all students.

MSM-ROTC Band—open to all students.

MSM Glee Club—open to all students.

MSM Players—open to all students who desire to take part in dramatics.

Model Airplane Club—open to all students.

Pershing Rifles—limited to students enrolled in ROTC.

Photography Club—open to all students.

Physics Ferreters—open to undergraduate students majoring in Physics.

Radio Club—open to all students.

Rifle Club—open to all students.

Rollamo—in charge of publishing the school year book. Open to all students.

Sigma Pi Sigma—a Physics fraternity open to upper classmen who are majoring in Physics.

Spelunkers Club—open to students who are interested in the exploration of caves and caverns.

M Club—open to all students who have earned school letters by participation in intercollegiate sports.

The following organizations select their members by invitation only.

Blue Key National Honor Fraternity—fundamentally a service organization.

Theta Tau—a professional engineering fraternity.

Alpha Chi Sigma—a professional chemical fraternity.

Keramos—a professional ceramic engineering fraternity.

Tau Beta Pi—engineering scholarship fraternity.

Phi Kappa Phi—scholarship society.

Sigma Xi—scholarship fraternity.

WITT CLEANERS

MISS VIOLA MCKINNEY

PICKUP and DELIVERY

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School Songs

St. Patrick Was An Engineer

St. Patrick was an engineer, he was, he was,

St. Patrick was an engineer, he was, he was,

For he invented the electric light

So all the Miners could study at night.

Erin go braugh

Hooray for the engineer.

For he invented the calculus

And handed it down for us to cuss.

For he invented the sliding rule

To measure the size of a molecule.

For he invented the logarithm

To count the whiskers of Bol-shevism.

For he invented the monkey wrench

To screw the lawyer to the bench.

For he invented the davenport

So we poor Miners could have our sport.

Fight Missouri Miners

Fight, Missouri Miners, fight with fury, Miners,

On to victory today.

Let's go 'til the foe starts to fold

Make him bow to the Silver and Gold.

Hold tight, Missouri Miners; fight, Missouri Miners,

Down the field we'll clear the way.

Oh, let's show the jury that here in Missouri

Fighting Miners are the ones.

So fight: You fightin' sons of guns.

Wisdom: Knowing what to do next.

Skill: Knowing how to do it.

Virtue: Not doing it.

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MINERS FIND PITTSBURG EASY 26-7

Huffman and Bullman Star In Opening Game

Starting where they left off last year the Miners made it seven consecutive wins Friday night, when they humbled the Pittsburgh Gorillas, 26-7. After a slow start which found the Gorillas in command of the situation the Miner defense strengthened and kept Pittsburgh in trouble until one brief moment in the 4th quarter.

The Miners started the game with the grim determination to avenge the 27-7 defeat Pittsburgh handed them last year. Bill Wohlert started the game on its way by kicking to Ball, Pittsburgh's quarterback, who was downed after a 10 yard return. Then in quick succession, a pass and a running play brought the ball to the 47 yard stripe where the Gorillas fumbled. The Miners recovered and in three plays had a net gain of minus five yards. With fourth and 15 to go, Lady Luck took a hand and Williams' kick was blocked. Pittsburgh recovered and launched a drive which brought them within the shadow of the Miner goal. Then an inspired Miner defensive team stopped them cold and refused to allow the Pittsburgh team within the Miner 40 yard line until the fourth quarter when Pittsburgh scored its only touchdown.

On the second exchange of punts in the second quarter Pittsburgh kicked and Gene Huffman proceeded to give the Gorillas a lesson in broken field running. Huffman took the ball on a hand off from Kwadas at the 35 and with the help of some fierce blocking went all the way for the first Miner touchdown. Bill Wohlert booted the point and made it 7-0 in favor of the Miners. The Miners threatened again after stopping the Pittsburgh team on the 40. But Miner hopes were soon shattered when a fumble was recovered on the 5 by Pittsburgh. The half ended with the ball resting on the Pittsburgh 15.

The second half opened with Williams, the Miner quarterback, taking the kickoff on the 15 and running it back to the 35. A penalty placed the ball on the 16 yard line. Then the Miners started to roll. After piling up five consecutive first downs, the Miners had four down to score. Pittsburgh was then penalized for delaying the game. On the next play Don Dowling fumbled a pitch out but recovered the ball himself. That made second down and 15 to go. A pass to Jim Tietjens was incomplete. On the next play Dowling scored standing up on a screen pass. That made it 13-0. Bill Wohlert's first try for the point was blocked but Pittsburgh was off sides. Bills second try was no good and the Miners led 13-0.

MacDaniel took Wahlert's kickoff on the 15 and brought it out to the 33. Then after two quick first downs the Miner defense held and the Miners took over on their 46. In eight plays the Miners had racked up another six points. After taking over on the 46 and using one running play Howard Bullman, freshman quarterback, then showed the Gorillas his strong right arm and brought the ball to the nine yard line via the air. Two running plays put the pigskin on the one. From there Dowling cracked over for his second touchdown of the game. Bill Wohlert again had his kick blocked. Thus the scoreboard read Miners 19, Pittsburgh 0.

Pittsburgh took the kickoff and managed to run four plays before they had to kick. Pittsburgh kicked out of bounds on the Miner 32, at the end of the third quarter. With the ball on their 32 the Miners again began to roll. The drive looked like it would go all the way



Coach Gail Bullman has come up with another fighting Miner football team. Working around a nucleus of returning lettermen he has built a strong team. With several freshmen who have shown promise coach Bullman has again been able to use the two platoon system. The team this year is as strong as last year's team. The only glaring weakness in the Miner team as a whole has been the pass defense. This weakness was partly due to the fact that the defensive backfield has three inexperienced men. Once these men have a little more playing time under their belts they will make a good showing and the defense will be seemly impregnable.

The Miner team this year has the enviable quality of being without a star yet loaded to the hilt with men who can break up a game in a single play. The offensive backfield of Huffman, Dowling, and Kwadas represents one of the strongest aggregations of football material to be gathered at any small college in the country. Huffman is the break-away back of the trio, while Dowling, with his powerful drives, reminds us of Doc Blanchard. In Kwadas the Miners have the smoothest combination of speed and power that has appeared in the Miner uniform for many a year. With a strong offensive line built around Bob Weinle, Dud Blandke, and Dick Thurston the Miner offense is always in high gear.

The defensive line has proven itself by holding a powerful Pittsburgh team to only 7 points. Two of the shining lights in this line are Lee Beverage and Walter Smith. Both of these boys have the ability to smell a play and stop it cold. In Friday night's game Walt broke two bones in his hand and will be greatly missed. It was very seldom that Pittsburgh ran around his end.

Howard Bullman, son of Coach Bullman, freshman quarterback has shown that he has the ability to pass and lead

but Miner hopes were soon cut short by way of a penalty and a fumble which gave Pittsburgh the ball on their 48. Pittsburgh quarterback, Ball, then opened his bag of tricks and started mixing up passes and running plays to put the ball on the Miner 15. From there Hoffman, Gorilla halfback, took the ball to the one. Then Pittsburgh Captain, Bob Thompson took the ball over for the score. Clohery converted for the extra point and it stood Miners 19, Pittsburgh 7.

The Miners took the kickoff and proceeded to show just who was in charge of the situation. In nine plays under the skillful leadership of Bullman, who mixed his passes with Kwada's driving charges, the Miners were on the Pittsburgh 10. From there Bullman rifled a pass to Jim Tietjens for a touchdown. Bill Wohlert then added his second extra point of the night to bring the score to Miners 26, Pittsburgh 7.

The last kickoff from the toe of Wohlert went into the end zone and Pittsburgh took over on the 20. MacDaniels then started filling the air with passes, mostly incomplete and the Miners took over with seconds to play. It was third and five when the final gun was fired with the Miners avenging the defeat of last year 26-7.

a fighting Miner team to victory. Howard has a strong right arm and can and does throw the old pigskin like a baseball. In Friday's game he showed that he has inherited some of his father's football sense. Although he tends to lean toward the razzle dazzle style of football he seems to call the right play at the right time.

The Miners kicked to open the game and as a result, the starting line-up was the defensive team of Smith, Uls, Anderson, Schoepel, Wilson, Beverage, Morris on the line. The backfield had Wahlert, Proctor, Koedding, and Hampe. Incidentally the first touchdown was scored while the defensive team was afield.

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DEWEY ALLGOOD NEW MSM BASKETBALL COACH



Dewey Allgood

The short, stocky fellow that's been seen on the football field helping Gale Bullman is MSM's new basketball mentor, Dewey Allgood, Jr. He succeeds Ben Douglas, who resigned to take a coaching job at the U. of Iowa. The 28 year-old coach is well qualified in the field of sports as his athletic career shows. He was born in Minnesota, but later moved to North Dakota, where he went to high school at Lisbon. Here he lettered in three sports, as a catcher in baseball, football left halfback, and as a guard in basketball. He entered North Dakota State College at Valley City in 1939 where he subsequently lettered in the same three sports. Athletic competition there was in the North Dakota Intercollegiate Conference. His college days were interrupted in 1942 by the war. He is a navy veteran and was one of the survivors of the U. S. S. Beatty, which was torpedoed in the Mediterranean while on convoy duty. Discharged in 1945, he went back to N. D. State and graduated in 1947 with a B. S. degree in Phy. Ed. After coaching one year at Pillsbury High in North Dakota, he took a Master's degree at Colorado State at Greeley, in 48-49. During the past year, Allgood has been assistant coach in all sports at Maryville State College in our own MIAA conference.

In 1944, the new coach married the girl he had met in 1941, and today he has two girls, Sandra 5, and Susan, 1.

Of course, football requires all his attention now, but he did say that basketball tryouts for all non-varsity men would be held the night of Oct. 9, at 7:30. Practice for lettermen will start on Oct. 16. Not knowing anything of the material he'll have to work with, the coach declined to comment on his cagers' style of play. Last year, under Douglas, the MSM five won seven games, two of them being conference games.

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INTRAMURAL Sports

The summer school intramural championship was won by Sigma Nu as they edged out Lambda Chi in a very tight race. The difference between the two teams was the narrow margin of 25 points. Third place honors went to Triangle, only 100 points behind the winners.

The Snakes managed to take first place in tennis and in swimming, while coming in third in golf and softball.

Football

The start of the intra-mural football season found the favorites again claiming the spotlight. Theta Kappa Phi took up where they left off last year as did Sigma Nu.

Monday evening found Pi Ka beating the TKE's with a second half pass interception by Joe Krispen. Krispen snared one of Charlie Harman's flat passes and went all the way. TKE scored 4 points on safeties. The final score was 7 to 4.

Si Pi and Ka ended the regular playing session all tied up and had to play overtime. Sig Pi gained 4 and 1/2 yards with their downs while holding Ka to none.

Sigma Nu, last years Champion had an easy time in disposing of Kappa Sig 27 to 0. Over

1950 Miners' Football Schedule

Date	Opponent	Place	Time
Sept. 15	Pittsburg (Kan.) State	Pittsburg	Night
Sept. 23	Washington U.	St. Louis	2:15
Sept. 30	Murray (Ky.) State	Rolla	2:30
Oct. 7	Maryville	Rolla	2:30
Oct. 13	Warrensburg	Warrensburg	Night
Oct. 21	Kirkville	Rolla	2:15
Oct. 28	Springfield	Rolla	2:15
Nov. 3	Cape Girardeau	Cape	2:15

on the other field Lambda Chi also had a breather while romping over Wesley 38 to 0.

Pi KA won their second game of the week as they edged Sig Pi 14 to 12. MacDaniels and Spinks scored twice for the Pikers and the two extra points meant the game.

Last years runner-ups Theta Kap shut out Triangle 12 to 0. Don Meiners tallied twice on an intercepted pass and after catching a pass.

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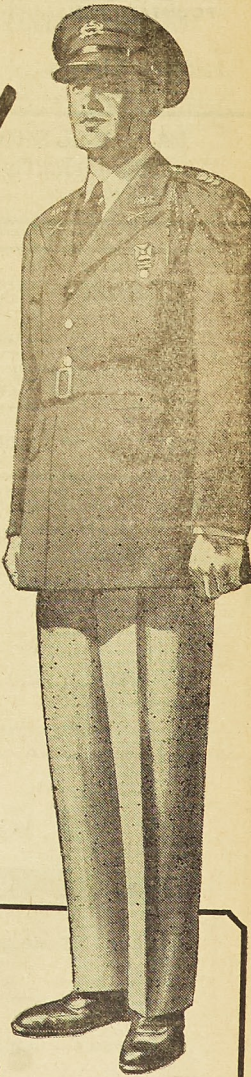
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EXPANSION

(Continued from Page 1)
search project sponsored by the Engineers Corps Research and Development Laboratory of Fort Belvoir, Virginia, which work has been done at the School Mine. The Engineers Corps has requested that this project be renewed for another two years and an extension of the research work is being done under the supervision of our Mining Department of Graniteville, Missouri. In addition, the Engineers Corps has requested that our Mining Department take still another research project of a restricted nature and negotiations are underway to start that project.

The Drawing Department will move into the second floor of Mechanical Hall as soon as the Mechanical Engineering Department has moved into its new building. Then the Department of Geology can take over the present quarters occupied by the Drawing Department and be more comfortably and adequately housed on the second and third floors of Norwood Hall. Visiting alumni will miss the creaking stairs of Norwood Hall which are now being replaced with fire-proof steel stairways at a cost of \$25,000.

The only fellow who makes anything out of running other people down is the elevator operator.

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Sun. Continuous from 1 p.m.



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Coming
Thu., Fri., Sat., Sept. 28-29-30



Kappa Sigs Plan to Fill Weekend With Football and Loving

Rush week is finally over and most of the fellows are getting back to the old grind. From the way things look, we are going to have one of the biggest pledge classes this chapter has ever seen. During the summer months we had knotty pine put in the barroom and a new sink put in the kitchen.

So far Uncle Sam hasn't caught any of our fellows; however, we are still keeping our fingers crossed. Quite a few of the fellows around the house have suddenly become interested in advanced R.O.T.C. I wonder why!

Some of the fellows around the house are thinking about starting intramural stock car racing. Any interested contestants please call the Kappa Sig. house. Staying on the intramural side of things, we have had a good turn out for football practice. Most of the old stars are back except Bill "Let them get behind me" Koedding, and Bob Ruppert. Recent rumors are that they turned pro.

Several fellows were pinned this summer which brought forth a sudden flow of cigars. Jim "the vest" Spiniello was elected house manager for the present semester. Everybody was holding their breath, but it looks like granddaddy Hackel is back with us again.

20 New Pikers Added To House on Highway

"Hey, Joe!"

"Who me? I'm not Joe. I'm Al."

Yes, confusion reigned at the big house by the highway for the first week of school. New faces, new names and new personalities have arrived with the addition of 20 new men. The new pledges are: Ralph Baker, Larry Beffa, Al Burgess, Sydney Cole, Dick Dever, Ervin Dunlap, Ralph Hollocher, Ray Hurt, Bernard Juskie, Harold Koelling, Joe Krispin, Harry Logan, Bob Orde-mann, Perry Perkinson, Clay Robbins, Bob Small, Milton Smid, Bert Smith, Bob Walsh, and Lee Williams. Congratulations to all of you.

Out goes the old, and in comes the new was the theme for the first chapter meeting of the new semester. Election of officers was held with retiring Treasurer, Bill Horst, being elected president. Bill, a graduating senior in the Met department is from Kirkwood, Missouri and has been active in the chapter since 1947. Nineteen fifty's St. Pat, Bob Schuchardt, also a senior in the Met department was elected to the vice president's post. The other officers for the fall semester include Fred Giacoma, secretary; Byron Keil, house manager; Ron Hoffman, assistant house manager; John Robertson, treasurer; and Roger Scrivner, assistant treasurer.

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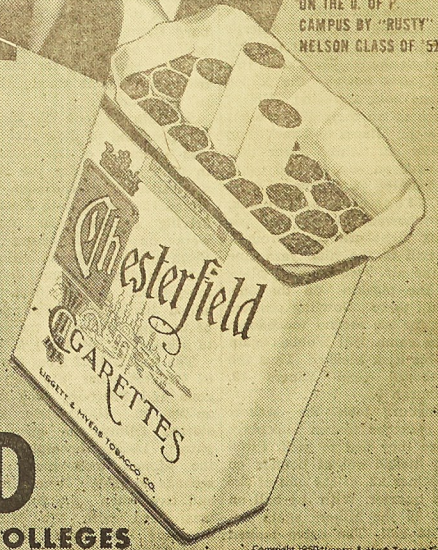
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